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European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK,  
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
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— *with international search report*

## INTERNATIONAL SEARCH REPORT

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 Int. Application No  
 PCT/IB 02/05494

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H03H11/42 H03F1/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H03H H03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GRAY ET AL: "ANALYSIS AND DESIGN OF ANALOG INTEGRATED CIRCUITS" March 2001 (2001-03), JOHN WILEY & SONS, NEW YORK, US XP002236122 page 849, line 3 -page 850, line 21	1
A	US 3 801 933 A (TEARE M) 2 April 1974 (1974-04-02) the whole document	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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# INTERNATIONAL SEARCH REPORT

on patent family members

In Application No  
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 3801933	A	02-04-1974 CA	1024239 A1
			10-01-1978